

Kansas Department of Agriculture  
 Division of Water Resources  
**CHANGE: P/D WORKSHEET**

1. File Number: <b>12818</b>	2. Status Change Date: <b>7/2/18</b>	3. Change Num: <b>C2</b>	4. Field Office: <b>04</b>	5. GMD: <b>03</b>
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6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return	7. Filing Date of Change: <b>5/31/18</b>
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8a. Applicant(s) New to system <input type="checkbox"/>	Person ID <b>26710</b> Add Seq# <b>1</b>
<b>CHARLES E &amp; KRISTIN H MARKEL 2801 DORALANE AVE DODGE CITY KS 67801-2154</b>	

8c. Landowner(s) New to system <input type="checkbox"/>	Person ID _____ Add Seq# _____
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8b. Landowner(s) New to system <input type="checkbox"/>	Person ID _____ Add Seq# _____
<b>NC</b>	

8d. WUC New to system <input type="checkbox"/>	Person ID _____ Add Seq# _____
<b>NC</b>	

9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <b>12/31/18</b> <input checked="" type="checkbox"/> N & P Date to Comply: <b>12/31/18</b>	
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input type="checkbox"/> Check Valve <input type="checkbox"/> N & P Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input type="checkbox"/> H & E Letter	
<input type="checkbox"/> Conservation Plan    Date Required: _____    Date Approved: _____    Date to Comply: _____	

10. Use Made of Water    From: _____	To: _____
--------------------------------------	-----------

Date Prepared: <b>6/26/18</b>	By: <b>TPM</b>
Date Entered: _____	By: _____

File No. **12818** 11. County: **GY** Basin: **Ark** Stream: Formation Code: **211** Special Use:

12. Points of Diversion  
 Rate and Quantity  

CHK MOD DEL ENT	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)		Authorized		Additional	
								Rate gpm/cfs	Quantity af/mgy	Rate gpm/cfs	Quantity af/mgy	Rate gpm/cfs	Quantity af/mgy
ent	ne ne nw	16	27	28		5239	2990	760	260	760	260	na	na

del 48400

13. Storage: Rate \_\_\_\_\_ NF \_\_\_\_\_ Quantity \_\_\_\_\_ ac/ft Additional Rate \_\_\_\_\_ NF \_\_\_\_\_ Additional Quantity \_\_\_\_\_ ac/ft

14. Limitation: **na** af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_

15. 5YR Allocation: Allocation Type \_\_\_\_\_ Start Year \_\_\_\_\_ 5 YR Amount \_\_\_\_\_ Amount Unit \_\_\_\_\_ Base Acres \_\_\_\_\_ Comment \_\_\_\_\_

16. Place of Use

CHK MOD DEL ENT	P U S E	S	T	R	ID	NE 1/4			NW 1/4			SW 1/4			SE 1/4			Total	Owner	Chg?	Overlap Files
						NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4				
inc																					

Base Acres: \_\_\_\_\_ Year: \_\_\_\_\_ Minimum Reasonable Quantity: \_\_\_\_\_  
 Comments: \_\_\_\_\_

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE  
DIVISION OF WATER RESOURCES  
GARDEN CITY FIELD OFFICE  
2508 JOHNS STREET  
GARDEN CITY, KS 67846-2804



PHONE: (620) 276-2901  
FAX: (620) 276-9315  
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.  
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

July 2, 2018

CHARLES E & KRISTIN H MARKEL  
2801 DORALANE AVE  
DODGE CITY KS 67801-2154

RE: Change in Point of Diversion Water Right, File No 20929

Dear Mr. & Mrs. Markel;

Enclosed you will find a *Summary Order Approving Application for Change in Points of Diversion* for the above referenced file. This order modifies the authorized well location under the referenced file. This order modifies the original document; it should be recorded at the County Register of Deeds.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this order. The diversion works should be completed and reported to the Division of Water Resources by **December 31, 2018**. Enclosed is a form for this purpose, along with other information for reference.

A condition of this order is that an acceptable flow meter must be properly installed on the diversion works authorized under the referenced file number in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12. This water flow meter shall be used to provide information required on the annual water use report.

This order shall become final if a request for a hearing is not filed with the Chief Engineer within 15 days of the date of service of this order. The date of service is the date listed on the enclosed *Certificate of Service*.

Should you have any questions, please feel free to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Thomas P. Makens  
Assistant Water Commissioner

TPM:tpm  
Enclosures  
GMD#3

**CERTIFICATE OF SERVICE**

On this 3<sup>RD</sup> day of July 2018, I hereby certify that the attached original Approval of Application to Change the Point of Diversion under Water Right, File No. 12818 dated July 2, 2018 was mailed postage prepaid, first class, US mail to the following:

CHARLES E & KRISTIN H MARKEL  
2801 DORALANE AVE  
DODGE CITY KS 67801-2154

Copy provided to GMD#3

  
\_\_\_\_\_  
Division of Water Resources

Submit completed application to:  
 Kansas Department of Agriculture  
 Division of Water Resources  
 Field Office for your area.

Call for address:  
 Topeka -- (785) 296-5733  
 Stafford -- (620) 234-5311  
 Stockton -- (785) 425-6787  
 Garden City -- (620) 276-2901  
<http://agriculture.ks.gov/dwr>

## DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.  
 Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

RECEIVED  
 8:36 AM  
 MAY 31 2018

File No. 12818

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):  
 Place of Use                       Point of Diversion  
 under the water right which is the subject of this application in accordance with the conditions described below.  
 The source of supply is:                       Groundwater                       Surface water

Garden City Field Office  
 Division of Water Resources

2. Name and address of Applicant: Thomas & Reed Farms, RYAN REED  
PO BOX 457 MONTEZUMA KS 67867  
 Phone Number: ( ) \_\_\_\_\_ Email address: \_\_\_\_\_  
 Name and address of Water Use Correspondent: CHARLES E & KRISTIN H MARKEL  
2801 DORALANE AVE DODGE CITY KS 67801-2154  
 Phone Number: ( ) \_\_\_\_\_ Email address: \_\_\_\_\_

3. The presently authorized place of use is: 1) 2)  
 Owner of Land --- NAME: CHARLES E & KRISTIN H MARKEL  
 ADDRESS: 2801 DORALANE AVE DODGE CITY KS 67801-2154  
 (If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES	
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼		

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:  
 Owner of Land --- NAME: no change to acres irrigated  
 ADDRESS: \_\_\_\_\_  
 (If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES	
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼		

For Office Use Only: Code \_\_\_\_\_ Fee \$ 200 TR # \_\_\_\_\_ Receipt Date 5/31/18 Check # 2144

5. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the nc Quarter of the ne Quarter  
 of Section 16, Township 27 South, Range 28 W,  
 in Gray County, Kansas, 3960 feet North 1320 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 1 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
 in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

6. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the nc Quarter of the nw Quarter  
 of Section 16, Township 27 South, Range 28 W,  
 in Gray County, Kansas, 3960 feet North 3960 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 2 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the ne Quarter of the ne Quarter of the nw Quarter  
 of Section 16, Township 27 South, Range 28 W,  
 in Gray County, Kansas, 5239 feet North 2990 feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

7. The changes herein are desired for the following reasons?  
 (please be specific) \_\_\_\_\_  
 old well needs to be replaced \_\_\_\_\_

8. If a well, is the test hole log attached?  Yes  No

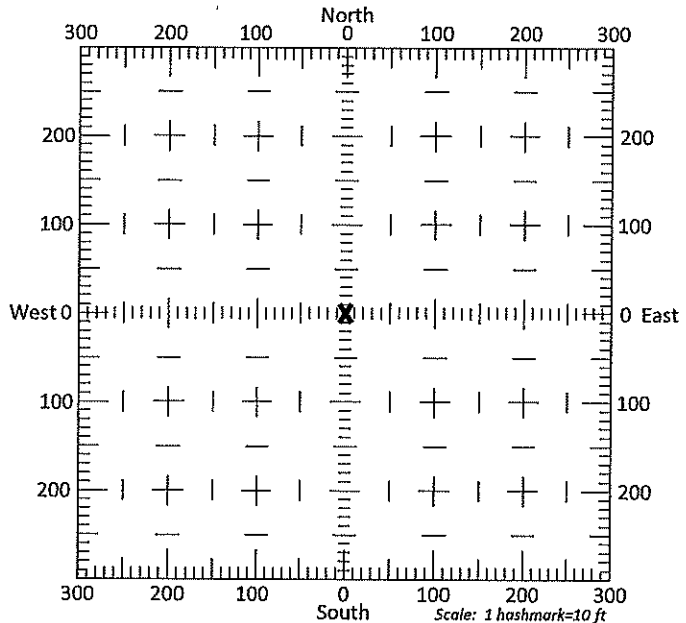
9. The change(s) (was)(will be) completed by?  
June 15, 2018

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
plug  
 (b) When will this be done? 2018

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by tpm

13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines



13b. If the proposed point of diversion will be relocated within 300 feet of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:

- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?  
 Yes     No    (If no, all owners must sign this application.)
- (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?  
 Yes     No    (If yes, all owners must sign this application.)
- (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?  
 Yes     No    (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at Dodge City, Kansas, this 29<sup>th</sup> day of May, 20 18.

x Charles E. Markel  
(Owner)

x Kristin H. Markel  
(Spouse)

(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

(Spouse)

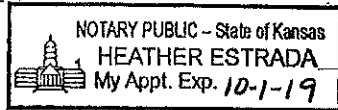
(Please Print)

(Please Print)

State of Kansas

County of Ford } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 29<sup>th</sup> day of May, 20 18



Heather Estrada  
Notary Public

My Commission Expires 10-1-19

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

**FEE SCHEDULE**

Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: (Make checks payable to: Kansas Department of Agriculture)

- (1) Application to change a point of diversion 300 feet or less ..... \$100
- (2) Application to change a point of diversion more than 300 feet ..... ~~\$200~~
- (3) Application to change the place of use ..... \$200

**SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS**

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et seq.*, and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 12818

1. A change application was received on MAY 31, 2018 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use.  Applicable  Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 300 foot radius of the authorized point(s) of diversion.  Applicable  Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application.  Applicable  Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than \_\_\_\_\_ feet from the previously authorized point(s) of diversion.  Applicable  Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13.  Applicable  Not Applicable
7. The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2018, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year.  Applicable  Not Applicable
8. Installation of the works for diversion of water shall be completed on or before December 31, 2018, or within any authorized extension of time. By March 1, 2019 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e.  Applicable  Not Applicable
9. The completed well log shall be submitted with the required notice.  Applicable  Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c.  Applicable  Not Applicable
11. Additional Conditions are attached.  Yes  No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

**Administrative Appeal and Effective Date of Order**

If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for administrative review by the Secretary must be filed within **30 days** pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

*For Use by Register of Deeds*

FOR OFFICE USE ONLY  
**APPLICATION APPROVED AND SUMMARY ORDER ISSUED**

By: [Signature]  
Duly Authorized Designee of the Chief Engineer

(Print Name): THOMAS P. MAKENS  
Division of Water Resources - Kansas Department of Agriculture

Date of Issuance: JULY 2, 2018

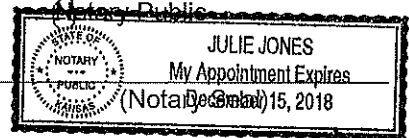
State of Kansas )

County of Genney ) SS

Acknowledged before me on July 2, 2018  
by Thomas P. Makens

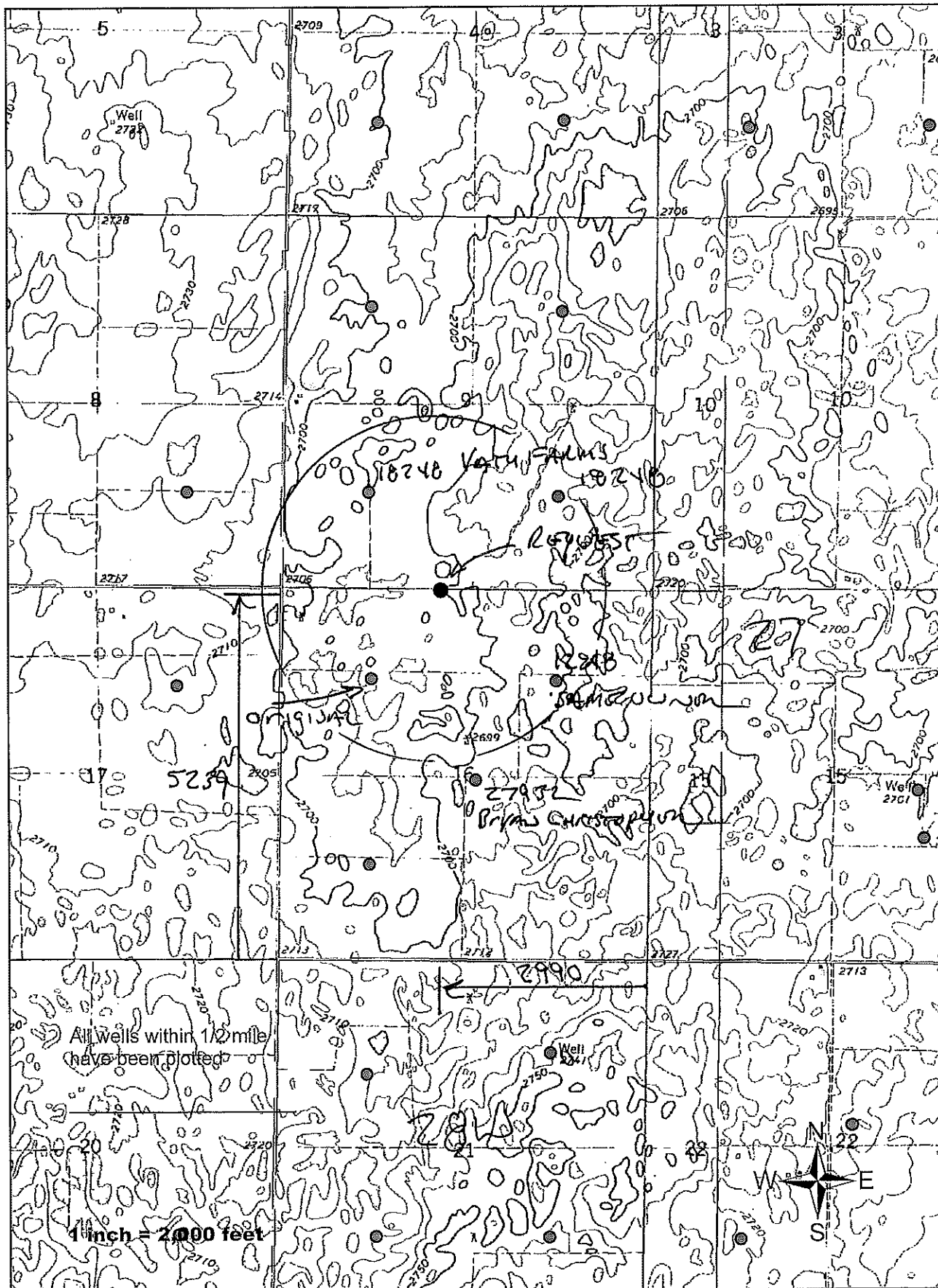
Signature: [Signature]  
Notary Public

My commission expires: \_\_\_\_\_  
(Notary Seal)





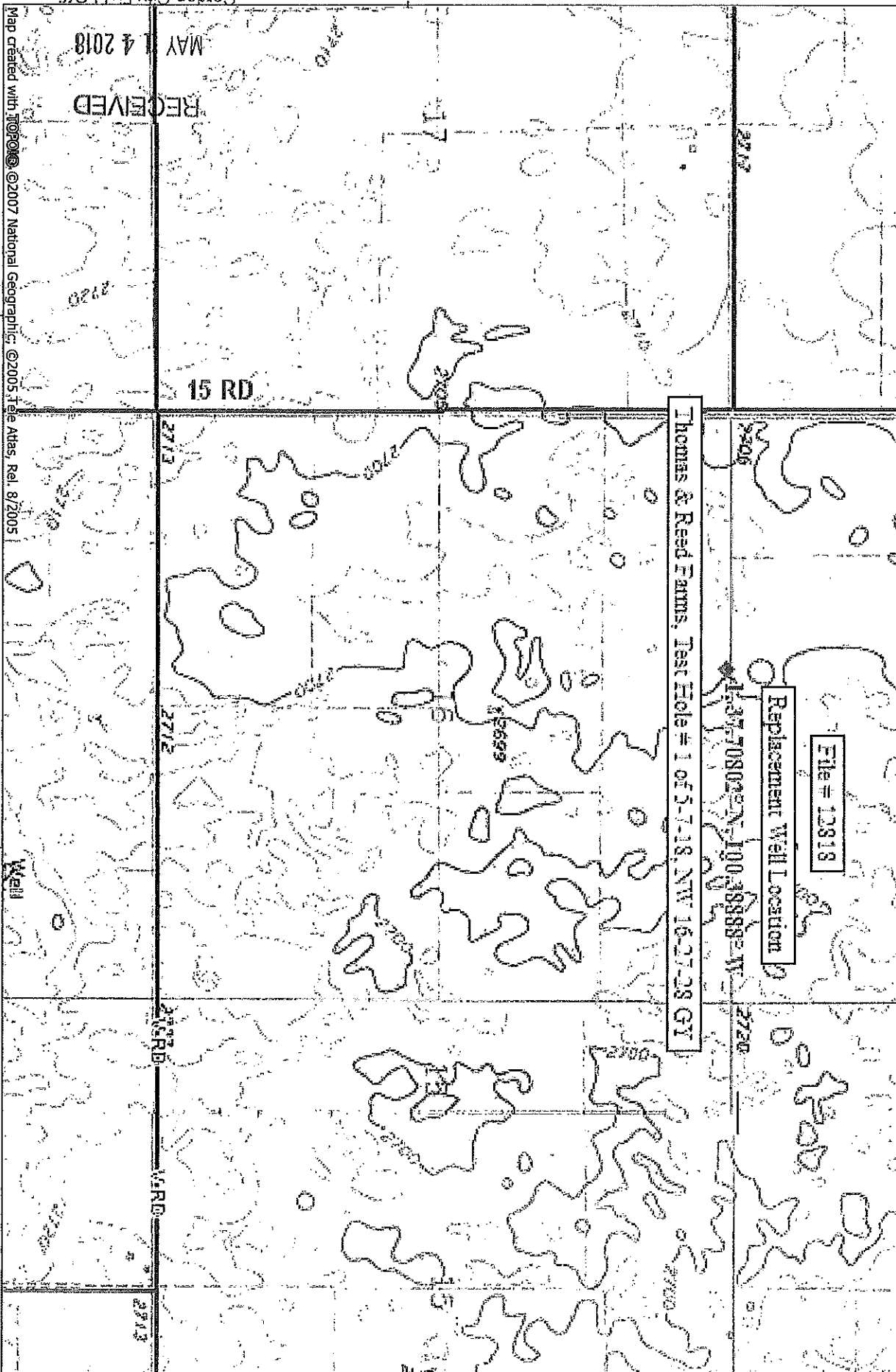
12818





100.40000° W

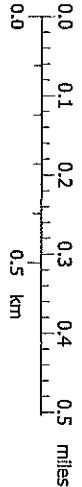
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NATIONAL GEOGRAPHIC



TN MN 51° 05/12/18



STATE OF KANSAS



DEPARTMENT OF AGRICULTURE  
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GOVERNOR JEFF COLYER, M.D.  
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

June 1, 2018

Vath Farms Inc  
18003 14 Road  
Cimarron KS 67835

RE: Water Right 12818

Dear Mr. Vath:

This is to advise you that Thomas & Reed has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced application.

You can find the complete application posted by water right file number as referenced above at [www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices](http://www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices)

You are notified on this proposed change in point of diversion so that you may furnish this office with any comments or other information you may want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

Thomas P. Makens  
Environmental Scientist III

pc: GMD#3



STATE OF KANSAS



DEPARTMENT OF AGRICULTURE  
DIVISION OF WATER RESOURCES  
GARDEN CITY FIELD OFFICE  
2508 JOHNS STREET  
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www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.  
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

June 18, 2018

Southwest Kansas Groundwater  
Management District No 3  
409 Campus Drive, Suite 106  
Garden City KS 67846

Re: Water Right file number 12818

Dear Mr. Norquest;

Thomas & Reed Farms has applied to relocate the well authorized by the above water right number. There are three neighboring wells within ½ mile of the requested. Mr. Vath came in to the office on June 8, 2018 to discuss the change, but said he was not going to make any complaint about the move.

We are delaying action for 15 days on the change application to allow you time to review and provide a recommendation if you feel one is warranted.

Thank you and as always feel free to call or write us at any time.

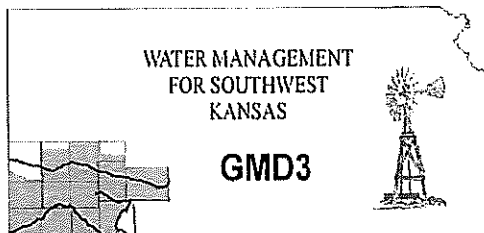
Sincerely;

Thomas P Makens

TPM:tpm







**Southwest Kansas**  
**Groundwater Management District No. 3**  
2009 E. Spruce Street  
Garden City, Kansas 67846  
(620) 275-7147 phone (620) 275-1431 fax  
www.gmd3.org

June 25, 2018

Thomas P. Makens  
Division of Water Resources  
2508 N Johns Street  
Garden City, Kansas 67846

RECEIVED

RE: Application for Change in Point of Diversion  
Water Right, File No. 12818

JUN 25 2018

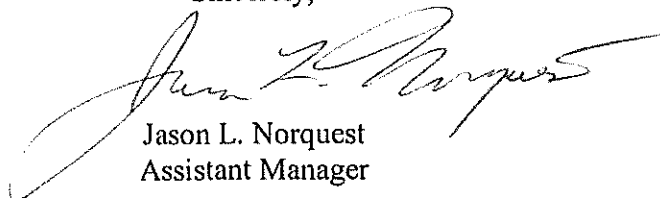
Garden City Field Office  
Division of Water Resources

Dear Thomas:

We have completed a review of the application for the above referenced water right. The proposal is not in conflict with the Management Program of the Southwest Kansas Groundwater Management District No. 3 (GMD3). The proposed distance moved and well spacing is in accordance with K.A.R. 5-23-3. It is therefore recommended that the application be approved at this time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,



Jason L. Norquest  
Assistant Manager

## GMD3 Change Review

---

File No(s): 12818. DWR office: GC.  
App filed to change: PD.  
Is Landowner(s) correct in WRIS: Markel (tenant is Ryan Reed).  
If NO, is documentation included?  
Is Water Use Correspondent correct in WRIS?   .  
If NO, is documentation included?  
Regulation(s) Reviewed: KAR 5-23-3  
Point of diversion ID No(s) 02 being changed.

RECEIVED

JUN 25 2018

Garden City Field Office  
Division of Water Resources

	ft. North	ft. West	
Authorized PD	3960	3960	Sect. 16-27-28
Proposed PD	5239	2990	
Difference	-1279 N	970 E	
$a^2 + b^2 = c^2$	1635841	940900	1605.223 foot move NE

GPS for proposed PD: Lat: 37.70802 Long: -100.38888.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs?   .

Land Owner(s) notified:   .

Name   . Name   .

Address   . Address   .

Zip   . Zip   .

Neighboring certified well(s) notified: DWR heard from one neighbor, but did not want a formal objection or concern, wanted more information.

Name   . Name   .

Address   . Address   .

Zip   . Zip   .

Domestic well(s) notified: None in area of concern.

Name   . Name   .

Address   . Address   .

Zip   . Zip   .

Base Acres:   .

Perfected Acres:   .

Irr. Return-Flow   %

**Lose of production in current well. Spacing is met to neighboring wells.**

Is a waiver needed: No.

Final Recommendation: After review of all available information, it appears the current area rules are met. Staff therefore recommends approval of the application.



Water Rights and Points of Diversion Within 1.00 miles of point defined as:

5239 ft N and 2990 ft W of the SE Corner of Section 16, T 27S, R 28W

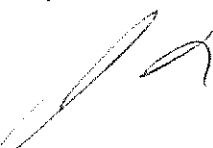
Located at: 100.388889 West Longitude and 37.708022 North Latitude

GROUNDWATER ONLY

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 12818 00	IRR	NK	G*	2104	--	--	NC	NE	3960	1320	16	27	28W	1		224.00	224.00	AF 1600
Same				1606	--	--	NC	NW	3960	3960	16	27	28W	2		260.00	260.00	AF 1600
A__ 13207 00	IRR	NK	G	4044	--	--	NC	SW	-----	-----	16	27	28W	3		306.00	306.00	AF 1500
A__ 18248 00	IRR	NK	G	4107	--	--	NC	NW	3940	3980	9	27	28W	1		280.00	280.00	AF
Same				1640	--	--	NC	SW	1300	3940	9	27	28W	2		280.00	280.00	AF
Same				2167	--	--	NC	SE	1320	1345	9	27	28W	3		280.00	280.00	AF
A__ 19976 00	IRR	NK	G	4341	--	--	NC	NE	3935	1320	9	27	28W	4		269.00	269.00	AF
A__ 24287 00	IRR	NK	G	3886	--	--	NC	SE	1310	1340	8	27	28W	1		255.00	255.00	AF 1600
A__ 25242 00	IRR	NK	G	4007	--	--	NE	SW	3850	1454	17	27	28W	3		374.00	374.00	AF 1400
A__ 27932 00	IRR	NK	G	2761	--	--	NW	NW	2530	2460	16	27	28W	4		420.00	420.00	AF 2100

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	2948.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	2948.00	.00

*Spacing MET!!*



An \* after the source of supply indicates a pending application for change for the file number.

An \* after the ID indicates a 15 AF exemption was granted for the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1.00 miles of point defined as:

100.388889 West Longitude and 37.708022 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

- File Number Use ST SR
- A\_\_ 12818 00 IRR NK G
- > CHARLES E & KRISTIN H MARKEL
- >
- > 2801 DORALANE AVE
- > DODGE CITY KS 67801
- 
- A\_\_ 13207 00 IRR NK G
- > CHARLES E & KRISTIN H MARKEL
- >
- > 2801 DORALANE AVE
- > DODGE CITY KS 67801
- 
- A\_\_ 18248 00 IRR NK G
- > VATH FARMS INC
- > ROBERT (BOB) VATH
- > 18003 14 RD

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> CIMARRON KS 67835

-----  
A\_\_ 19976 00 IRR NK G

> VATH FARMS INC  
> ROBERT (BOB) VATH  
> 18003 14 RD  
> CIMARRON KS 67835

-----  
A\_\_ 24287 00 IRR NK G

> COMMUNITY FOUNDATION OF SW KANSAS  
>  
> 208 W WYATT EARP BLVD #200  
> DODGE CITY KS 67801

-----  
A\_\_ 25242 00 IRR NK G

> KENNETH D & SUE N BURCH  
>  
> 10805 T RD  
> INGALLS KS 67853

-----  
A\_\_ 27932 00 IRR NK G

> CHRISTOPHER BRYAN  
>  
> 20802 22 RD  
> CIMARRON KS 67835

-----  
=====

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INPUTS	
Target Section Definition	
Section	16
Township	27
Range	28
Range Direction	W
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-100.388880
Target Latitude	37.708020

Load Data and Compute

**Instructions**

1. Enter values for section, township, range and range direction.
2. Enter NAD27 or NAD83 longitude and latitude of target point.
3. Click "Load Data and Compute" button.
4. Use feet distances corresponding to datum of target point.

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Loaded Section Data		
From LEOBASE using NAD83		
Corner	Corner Longitudes	
SW	37.69361052 -100.39726010	
NW	37.70819838 -100.39725993	
NE	37.70819838 -100.37887238	
SE	37.69365645 -100.37897933	
Degrees Longitude per Foot 3.45616823E-06		
Degrees Latitude per Foot 2.74623286E-06		
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	5247	-2425
NW	-65	-2425
NE	-65	2896
SE	5230	2865

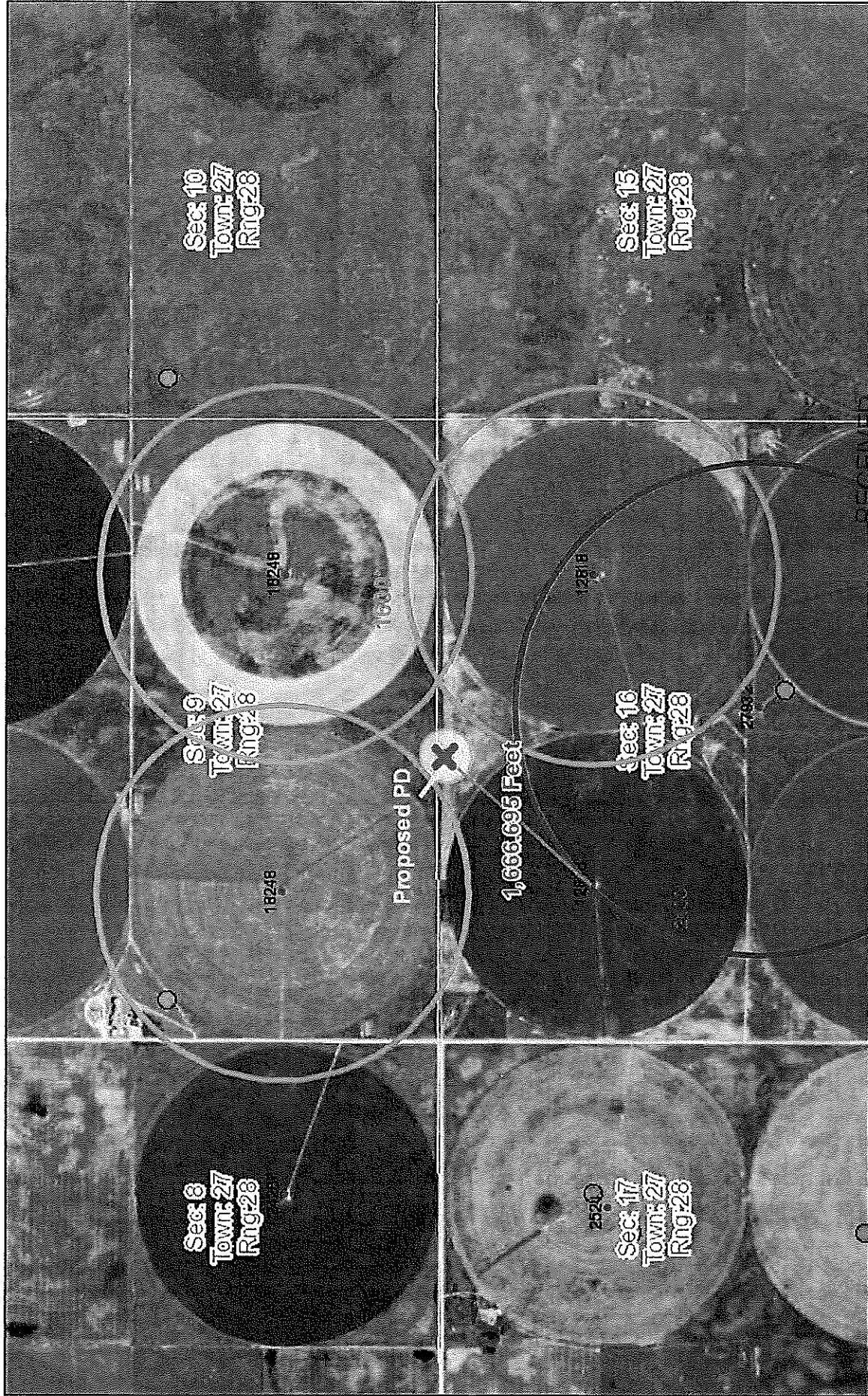
Target point is in Section

Loaded Section Data		
From LEOBASE using NAD27		
Corner	Corner Longitudes	
SW	37.69358800 -100.39683500	
NW	37.70817600 -100.39683500	
NE	37.70817600 -100.37844800	
SE	37.69363400 -100.37855500	
Degrees Longitude per Foot 3.45616719E-06		
Degrees Latitude per Foot 2.74598553E-06		
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	5256	-2302
NW	-57	-2302
NE	-57	3018
SE	5239	2987

Target point is in Section

Difference (NAD83 Minus NAD27)		
Corner	Corner Longitudes	
SW	0.00002252 -0.00042510	
NW	0.00002238 -0.00042493	
NE	0.00002238 -0.00042438	
SE	0.00002245 -0.00042433	
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-8.67366608	-122.99679136
NW	-8.14422885	-122.94760394

# 12818 Change Review, PD



June 25, 2018  
09:18 AM

DISCLAIMER: This map is not intended for conveyances, nor is it a legal survey. The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments.

GPS Position
 Wells
 Other
 IRR
 CON
 DEW
 DOM
 FPR
 HYD
 IND
 MUN
 REC
 STK
 THX
 Empty
 ?
 WWC5 WELLS GMD3

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1:18,056  
 0 800 1,600 3,200 ft  
 0 250 500 1,000 m